

## XR-5 Chemical Resistance Chart

- A** - Fluid has little or no effect  
**B** - Fluid has minor to moderate effect  
**C** - Fluid has severe effect  
**T** - No data, likely to be acceptable

CHEMICAL EXPOSURE	XR-5 Rating	CHEMICAL EXPOSURE	XR-5 Rating
AFFF	A	METHYL ALCOHOL	A
5% ACETIC ACID	B	MINERAL SPIRITS	A
50% ACETIC ACID	C	NAPHTHA	A
AMMONIUM PHOSPHATE	T	5% NITRIC ACID	B
AMMONIUM SULFATE	T	50% NITRIC ACID	C
ANTIFREEZE (ETHYLENE GLYCOL)	A	PERCHLOROETHYLENE	C
ANIMAL OIL	A	PHENOL FORMALDEHYDE	B
ASTM FUEL A (100% ISO - OCTANE)	A	50% PHOSPHORIC ACID	A
ASTM OIL #2 (FLASH PT. 240° C)	A	100% PHOSPHORIC ACID	C
ASTM OIL #3	A	PHTHALATE PLASTICIZER	C
CALCIUM CHLORIDE SOLUTIONS	T	POTASSIUM CHLORIDE	T
CALCIUM HYDROXIDE	T	POTASSIUM SULPHATE	T
20% CHLORINE SOLUTION	A	SAE - 30 OIL	A
CLOROX	A	SEA WATER	A
CONC. AMMONIUM HYDROXIDE	A	SODIUM ACETATE	T
CORN (VEGETABLE) OILS, LINSEED OIL	A	SODIUM PHOSPHATE	T
CRUDE OIL	A	SODIUM BISULFITE SOLUTION	T
DIESEL FUEL	A	60% SODIUM HYDROXIDE	A
ETHANOL	A	50% SULFURIC ACID	A
ETHYL ACETATE	C	50% TANNIC ACID	A
ETHYL ALCOHOL	A	TOLUENE	C
FERTILIZER SOLUTION	A	TRANSFORMER OIL	A
#2 AND #6 FUEL OILS	A	TURPENTINE	A
GASOLINE	B	UREA FORMALDEHYDE	A
GLYCERIN	A	UAN	A
HYDRAULIC FLUID - PETROLEUM BASED	A	ZINC CHLORIDE	T
HYDRAULIC FLUID - PHOSPHATE ESTER	C	30% HYDROFLUOSILICIC ACID	A
HYDROCARBON TYPE II (40% AROMATIC)	C		
50% HYDROCHLORIC ACID	A		
50% HYDROFLUORIC ACID	A		
30% HYDROFLUOSILICIC ACID	A		
ISOPROPYL ALCOHOL	T		
IVORY SOAP	A		
JP - 4, JP - 5, JP - 8 JET FUELS	A		
KEROSENE	A		

